**INNOPHASE** is a rapidly growing ultralow-power wireless semiconductor startup with headquarters located in San Diego, CA. We are developing complete wireless solutions with significantly differentiated power dissipation/performance tradeoffs. Our innovative technology also dramatically improves wireless product flexibility and ease-of-use for product developers. We are looking for driven candidates to join our fast-paced and motivated team. This role is an excellent opportunity for someone that enjoys a small and agile group where you can make a great impact.

This is a full-time position based in San Diego. In addition to benefits and perks below, Innophase offers relocation assistance!

### Key Responsibilities

- Design and development of RTOS-based firmware/software for a 5G SoC – specifically device driver and lower PHY
- Assist with the firmware/software requirements definition, architecture, design, implementation, integration, testing, verification, validation, and deployment of the firmware/software
- Individual contribution is the main role, with potential opportunities for technical leadership and mentorship
- Assist with firmware/software process development and improvement
- Support integration and testing, and debug software to timely closure
- Engage with internal and external stakeholders and customers to provide necessary support

### Job Requirements

- 5 years' experience required
- MS+ EE/CS preferred
- Strong coding skills in C and python
- Experience with ARM or similar embedded SoC development environments
- Experience in RTOS principles and concepts, and hands-on experience in any RTOS
- Experience with configuration management / version control systems (e.g. Git) and modern software development flows (e.g. Agile)
- Excellent analytical problem solving and debugging skills
- Good communication, documentation and presentation skills
- Demonstrate initiative to drive technical issues to resolution

### Desirable Skills

- Prior System on a Chip (SoC) product development experience
- Prior device driver experience
- Good understanding of cellular wireless protocols (MAC/PHY)
- Experience using Git and Jira tools
- Be able to work productively and independently
- Team player with a strong sense of urgency to meet product needs on time

### Benefits and Perks

- Competitive salary and stock options
- Learning and development opportunities
- Employer paid health benefits
- Paid vacation/holidays/sick/parental leave
- Flexibility to balance quality work and personal lives
- Annual holiday and summer events
- Free snacks and drinks

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